Postcrosslinking of hydrogels with bicyclic amide acetals

## **Abstract**

A process for postcrosslinking a water-absorbing polymer comprises said polymer being treated with a postcrosslinker and, during or after said treating, being postcrosslinked and dried by temperature elevation, said postcrosslinker being a compound of the formula I

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where  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ ,  $R^7$ ,  $R^8$  and  $R^9$  are each independently hydrogen,  $C_1-C_{12}$  alkyl,  $C_2-C_{12}$ -alkenyl or  $C_6-C_{12}$ -aryl, wherein  $C_1-C_{12}$ -alkyl,  $C_2-C_{12}$ -alkenyl or  $C_6-C_{12}$ -aryl may be halogen substituted. The liquid-absorbing polymers are useful in hygiene articles and packaging materials.